## PATENT ABSTRACTS OF JAPAN

(11)Publication number:

2002-256982

(43)Date of publication of application: 11.09.2002

(51)Int.CI.

F02M 25/07 F02D 9/02 F02D 21/08 F02D 41/22 F02D 43/00

F02D 45/00

(21)Application number: 2001-223523

(71)Applicant: TOYOTA MOTOR CORP

(22)Date of filing:

24.07.2001

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(30)Priority

Priority number: 2000395609

Priority date: 26.12.2000

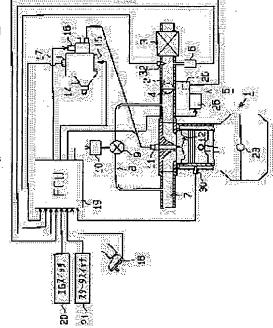
Priority country: JP

## (54) ABNORMALITY DIAGNOSTIC DEVICE FOR EXHAUST GAS RECIRCULATING DEVICE

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide an abnormality diagnostic device for an exhaust gas recirculating device capable of easily and surely performing an abnormality diagnosis of the exhaust gas recirculating device, suppressing deterioration of exhaust emission and deterioration of drivability.

SOLUTION: An exhaust passage 7 of a diesel engine 1 and the downstream side of a throttle valve 4 of an intake passage 2 are communicated by an exhaust gas recirculating passage 8. By controlling opening of an EGR control valve 9 provided in the exhaust gas recirculating passage 8, exhaust gas recirculated amount recirculated from an exhaust system to an intake system is regulated. When a prescribed abnormality diagnostic condition is formed, an ECU 19 performs a control to gradually change the opening of the EGR control valve 9, detects changed amount of air intake amount for a prescribed period and diagnoses the exhaust gas recirculating device having an abnormality when the detected value does not exceed a prescribed decision value.



## **LEGAL STATUS**

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of